

MICHAEL O. SCHEINBERG  
Patent Attorney

February 6, 2004

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## Fax

Name: Examiner Chuc Tran  
 Art Unit: 2821  
 Organization: United States Patent and Trademark Office  
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 Date: February 6, 2004  
 Subject: Response to Office Action  
 Pages: 20 (*including this coversheet*)

APPLICATION NO.: 10/081,247  
 APPLICANT: Gerlach, Tesch and Skoczylas  
 FILING DATE: February 22, 2002  
 TITLE: Electron Beam System Using Multiple Electron Beams

ART UNIT: 2821  
 EXAMINER: Chuc Tran

Attached please find:

1. Amendment in Response to October 6, 2003 Office action (16 pages)
2. Fee Transmittal (in duplicate)
3. Petition for Extension of Time

  
 Michael O. Scheinberg  
 Patent Reg. No.: 36,919

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PTO/SB/17 (10-03)

Approved for use through 07/31/2008. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

Complete if Known	
Application Number	10/081,247
Filing Date	02/22/2002
First Named Inventor	Robert L. Gerlach
Examiner Name	Chuc Tran
Art Unit	2821
Attorney Docket No.	F073

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 50-1635  
Deposit Account Name Michael O. Scheinberg

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
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## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1612 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.00
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2603 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.128(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify) _____			

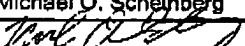
\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 110.00)

\*\*or number previously paid, if greater; For Reissues, see above

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Michael O. Scheinberg	Registration No. (Attorney/Agent)	36,919	Telephone	512-328-9510
Signature				Date	02/06/2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)

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# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 110.00)

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First Named Inventor	Robert L. Gerlach
Examiner Name	Chuc Tran
Art Unit	2821
Attorney Docket No.	F073

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## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee			
1002	340	2002	170	Design filing fee			
1003	530	2003	265	Plant filing fee			
1004	770	2004	386	Reissue filing fee			
1005	160	2005	60	Provisional filing fee			
<b>SUBTOTAL (1) (\$)</b>							110.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-20** =	X	=	Fee Paid
Independent Claims	- 3** =	X	=	Fee Paid
Multiple Dependent				

Large Entity	Small Entity	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	86	2201 43 Independent claims in excess of 3
1203	290	2203 145 Multiple dependent claim, if not paid
1204	86	2204 43 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

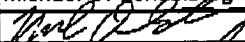
## 3. ADDITIONAL FEES

## Large Entity

## Small Entity

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1254	1,480	2254	740	Extension for reply within fourth month	
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1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					
Reduced by Basic Filing Fee Paid					
<b>SUBTOTAL (3) (\$)</b>					110.00

(Complete if applicable)

Name (Print/Type)	Michael O. Scheinberg	Registration No. (Attorney/Agent)	36,919	Telephone	512-328-0510
Signature				Date	02/06/2004

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*Attorney Docket F073-2***RECEIVED  
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICATION NO.: 10/081,247****ART UNIT: 2821****APPLICANT: Gerlach, Tesch and Skoczylas****EXAMINER: Chuc D. Tran****FILING DATE: February 22, 2002****TITLE: Electron Beam System Using Multiple Electron Beams****OFFICIAL****RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 14503  
Alexandria, VA 22313-1450

In response to the Office Action of October 6, 2003, the response time being extended one month to February 6, 2004, please amend the above-identified application as follow:

**Amendments to the Specification** are shown in a substitute paragraph on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 13 of this paper.